

FIG.1

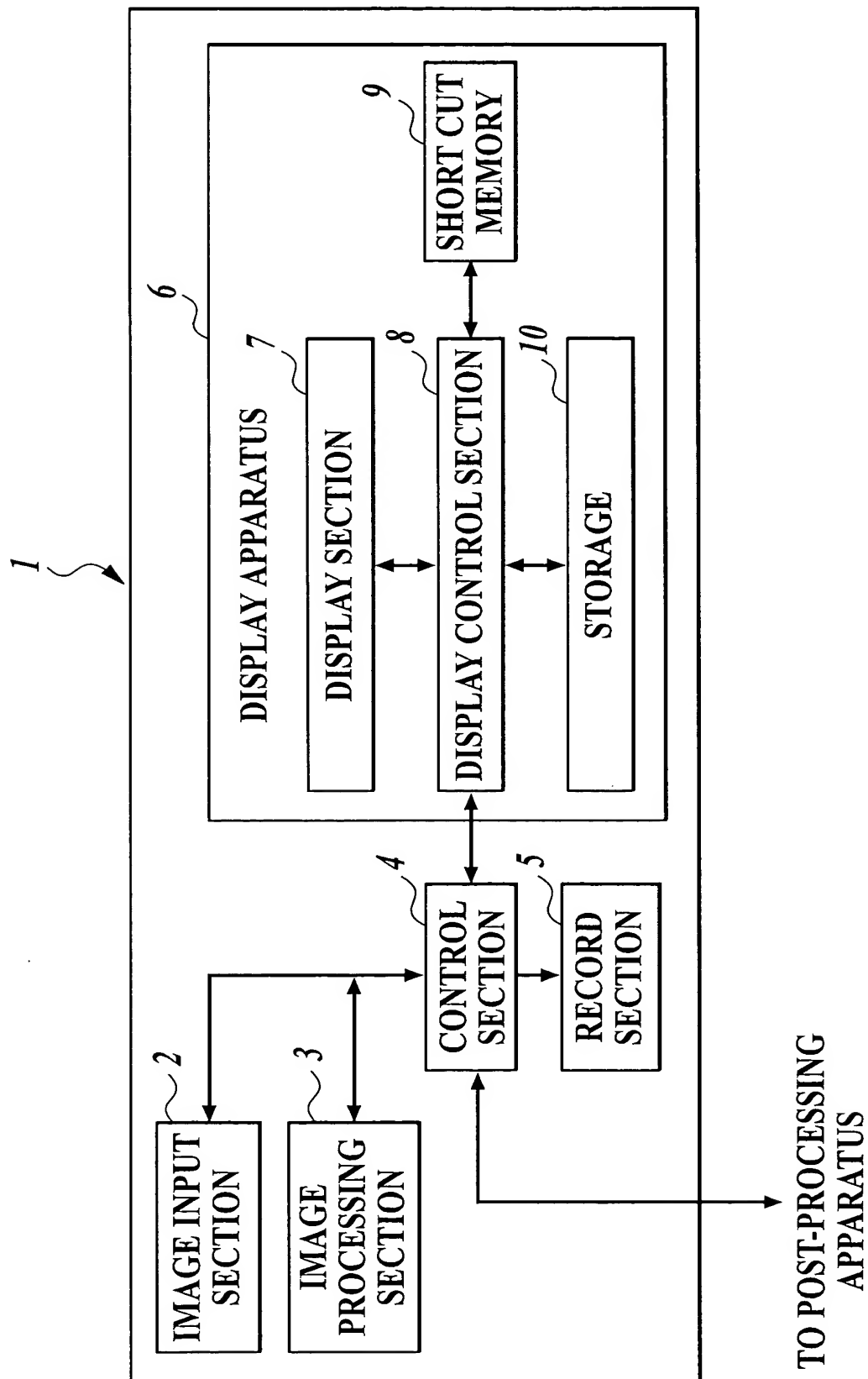


FIG. 3

Figure 1 is a schematic diagram of a copier control panel 11. The panel includes a top row of function buttons: COPY, SCANNER, STORE, READ, JOB MANAGEMENT, and MACHINE CONDITION. Below these are two rows of status information: "COPY CAN BE RESERVED" and "NUMBER OF RESERVED JOBS 2", followed by "NUMBER OF SET COPIES" and "0001". A "MACHINE CONDITION" section shows "---OUTPUT JOB---" and "USER NAME: YAMADA 9/10". The main control area is divided into several sections: "MANUSCRIPT SETTING" with a "SETTING DIRECTION" button (41) and a display showing "A" (42); "MANUSCRIPT READING" and "OUTPUT SETTING" buttons; "IMAGE QUALITY SETTING" with a display showing "1.00"; "MAGNIFICATION SETTING" with a display showing "1.00"; "APPLICATION SETTING" (25); "PAGE EDITING" (43) with sub-options like INTER-SHEETS, CHAPTER DIVIDING, OHP PUTTING-SHEETS-TOGETHER, INSERTED PAGE, and PROGRAM JOB; "IMAGE APPLICATION" (44) with sub-options like OUT-OF-MANUSCRIPT ELIMINATION, WHITE-BLACK CONVERSION, CORRECTION OF MANUSCRIPT POSITION, ALL-OVER-IMAGE, BINDING MARGIN, and STAMP/OVERLAY; and "STANDARD RETURN" (46) with "CANCEL" and "OK" buttons. A "PUNCH" button (49) and a "STAPLE" button (48) are also present.

FIG.4

11

51

41

52

53

54

COPY SCANNER STORE READ JOB MANAGEMENT MACHINE CONDITION

UNDER REPEAT MODE (SETTING RANGE 10-150MM)

NUMBER OF RESERVED JOBS 9 VOLUME OF REMAINING MEMORY 99% RECEPTION PERIODIC INSPECTION 0001 JOB ID 99 YAMADA TARO OUTPUT 9999/9999

MANUSCRIPT SETTING IMAGE QUALITY SETTING MAGNIFICATION SETTING APPLICATION SETTING

REPEAT

LENGTH/BREADTH DIVIDING WIDTH SETTING AUTOMATIC 10mm

LENGTH DIVIDING WIDTH 10mm

BREADTH DIVIDING WIDTH 10mm

TENKEY INPUT

FIXED TYPE REPEAT 2-REPEATS 4-REPEATS 8-REPEATS

CANCEL OK

FIG. 5

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

SHIFT (SETTING RANGE 0-250MM)

REDUCTION SHIFT (SETTING RANGE 0-250MM)

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

RECEPTION

PERIODIC INSPECTION

NUMBER OF SET COPIES 0001

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

IMAGE QUALITY

MAGNIFICATION

APPLICATION SETTING

BINDING MARGIN

BINDING MARGIN

REDUCTION BINDING MARGIN

FRONT

BACK

BOTH SIDES

100mm

100mm

100mm

100mm

1

2

3

4

5

6

7

8

9

0

▲

▼

IMAGE

INDEX

PLAIN PAPER

STIC

CANCEL

OK

FIG. 6

60

37

24

25

61

62

26

6/9




COPY		SCANNER	STORE	READ	JOB MANAGEMENT	MACHINE CONDITION	
COPY CAN BE RESERVED				JOB ID 99			
NUMBER OF RESERVED JOBS 9		VOLUME OF REMAINING MEMORY 99%		NUMBER OF SET COPIES		YAMADA TARO OUTPUT 9999/9999	
PERIODIC INSPECTION 0001		RECEPTION					
MANUSCRIPT SETTING		IMAGE QUALITY SETTING		MAGNIFICATION SETTING		APPLICATION SETTING	
SETTING DIRECTION A		PHOTOGRAPH 		1.00 EQUI-MAGNIFICATION		BINDING MARGIN REPEAT	
MANUSCRIPT READING		AUTOMATIC		AUTOMATIC		CONFIRMATION	
OUTPUT SETTING		BOTH SIDES SELECTION		PAPER SETTING			
		BOTH SIDES → BOTH SIDES		NO IMAGE ROTATION		3 8.5x11 MIRAGE	
		BOTH SIDES → ONE SIDE				4 B4 INDEX	
STAPLE		ONE SIDE → BOTH SIDES		1 A4 PLAIN PAPER		5 A4 PLAIN PAPER	
PUNCH		ONE SIDE → ONE SIDE		2 5.5x8.5WR NON-PRINTED PAPER		AUTOMATIC	

FIG. 7

37

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

COPY CAN BE RESERVED

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

NUMBER OF SET COPIES

PERIODIC INSPECTION 0001

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

IMAGE QUALITY SETTING

MAGNIFICATION SETTING

APPLICATION SETTING

PAPER SETTING

CONFIRMATION

SETTING DIRECTION

A

PHOTOGRAPH

▲

▼

1.00

EQUI-MAGNIFICATION

AUTOMATIC

BINDING MARGIN

REPEAT

PROGRAM JOB

3 8.5x11 MIRAGE

4 B4 INDEX

5 A4 PLAIN PAPER

AUTOMATIC

CONFIRMATION

▲

MANUSCRIPT READING

BOTH SIDES SELECTION

NO IMAGE ROTATION

PLAIN PAPER

NON-PRINTED PAPER

CONFIRMATION

OUTPUT SETTING

BOTH SIDES → BOTH SIDES

BOTH SIDES → ONE SIDE

ONE SIDE → BOTH SIDES

ONE SIDE → ONE SIDE

STAPLE

PUNCH

FIG.8

8/9

COPY

SCANNER

STORE

READ

JOB MANAGEMENT

MACHINE CONDITION

COPY CAN BE RESERVED

NUMBER OF RESERVED JOBS 9

VOLUME OF REMAINING MEMORY 99%

RECEPTION

NUMBER OF SET COPIES 0001

PERIODIC INSPECTION

JOB ID 99

YAMADA TARO

OUTPUT 9999/9999

MANUSCRIPT SETTING

SETTING DIRECTION

MANUSCRIPT READING

OUTPUT SETTING

IMAGE QUALITY SETTING

PHOTOGRAPH

BOTH SIDES SELECTION

MAGNIFICATION SETTING

EQUI-MAGNIFICATION

AUTOMATIC

APPLICATION SETTING

REPEAT

PROGRAM JOB

ALL-OVER-IMAGE

CONFIRMATION

PAPER SETTING

NO IMAGE ROTATION

PLAIN PAPER

NON-PRINTED PAPER

MACHINE CONDITION

MIRAGE

INDEX

PLAIN PAPER

AUTOMATIC

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FIG 9